IN THE CLAIMS:

1. - 4. (Canceled)

- 5. (Previously Presented) An assistant for digesting a lignocellulose material, which comprises:
- (a) at least one nonionic surfactant selected from the group consisting of a nonionic surfactant (A) and a nonionic surfactant (B); together with
- (b) at least one anionic surfactant selected from the group consisting of an anionic surfactant (C), an anionic surfactant (D) and anionic surfactant (E); in a weight ratio of 100/0.1 100/30:

said nonionic surfactant (A) comprising one or more compounds represented by the general formula (1); said nonionic surfactant (B) being obtained by addition of an alkylene oxide to an aliphatic alcohol and comprising one or more compounds represented by the general formula (3) and having a weight-average molecular weight (Mw) and a number-average molecular weight (Mn) providing a ratio of Mw/Mn satisfying the relationship (4); said anionic surfactant (C) comprising one or more compounds represented by the general formula (5); said anionic surfactant (D) comprising one or more compounds represented by the general formula (6); and said anionic surfactant (E) comprising one or more compounds represented by the general formula (7):

$$R^{1}$$
 -O-(($C_{2}H_{4}O)_{m}$ / ($A^{1}O)_{n}$)-H (1)

$$R^{5} - 0 - ((C_{2}H_{4}O)_{p}/A^{2}O)_{q}) - H$$
 (3)

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$$R^6 - SO_3 M^1$$

O

 $R^6 - O - (A^3O)_{r} - k^{2} - O - (A^4O)_{s} - R^8 COOM^3$

(5)

wherein R¹ is a branched alkyl group containing 4-24 carbon atoms represented by the general formula (2):

wherein R^2 and R^3 are independently selected from the group consisting of straight-chain or branched alkyl groups containing 1-21 carbon atoms, and R^4 is an alkylene group containing 1-21 carbon atoms, R^5 and R^6 are straight-chain, branched or cyclic aliphatic hydrocarbyl groups containing 4-24 carbon atoms; R^7 is a straight-chain or branched alkyl group, alkenyl group, or mono- or di-hydroxyalkyl group, containing 4-24 carbon atoms; R^8 is an alkylene group containing 1-6 carbon atoms; m is an integer of at least 1, having an average of 4-20; p is a number of 4-20; A^1 , A^2 , A^3 and A^4 are alkylene groups containing 3 or 4 carbon atoms; n, r and s are 0 or an integer, of at least 1, having an average of 0-15; q is an addition molar number of 0 or 1-15; k is an integer of 1 or 2; M^1 , M^2 and M^3 are monovalent cations; wherein (C_2H_4O) and (A^1O),

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Application No.: 09/926,709 Attorney Docket No.: 103176-00001 or (C_2H_4O) and (A^2O) , in case of the average of n or q being 1-15, are linked random-wise and/or block-wise;

 $Mw/Mn \le -0.183xK^{-0.930} \times LnX + 1.327xK^{-0.065}$ (4)

wherein LnX is a natural logarithm of X; X is an average addition molar number of the alkylene oxide per 1 mole of the aliphatic alcohol; and K is the number of carbon atoms in \mathbb{R}^5 of the general formula (3).

6. (Previously Presented) The assistant of Claim 5, which is used in combination with at least one selected from the group consisting of a quinone type digestion assistant and a polysulfide.

7. - 14. (Canceled)

- 15. (Previously Presented) The assistant of Claim 5, which comprises said nonionic surfactant (B), or a combination thereof with said anionic surfactant (C) or (E).
- 16. (Previously Presented) The assistant of Claim 5, which comprises said nonionic surfactant (A), or a combination thereof with said anionic surfactant (C) or (E).

17. - 20. (Canceled)

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